

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2003/000803

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04L 29/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, INTERNET, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0289248 A2 (AMERICAN TELEPHONE AND TELEGRAPH CO), 2 November 1988 (02.11.1988), page 1, line 50 - page 2, line 15, claims 1,13,17, abstract	1,12,13, 17-20
A	US 2001015984 A1 (LENZ, D-H ET AL), 23 August 2001 (23.08.2001), [0008], claims 1-17, abstract	1-25
P,A	WO 03102806 A1 (NOKIA CORP), 11 December 2003 (11.12.2003), page 1, line 25 - page 2, line 10, claims 1-10	1,26

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier application or patent but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

& document member of the same patent family

Date of the actual completion of the international search

11 May 2004

Date of mailing of the international search report

25-05-2004

Name and mailing address of the ISA/

Swedish Patent Office
 Box 5055, S-102 42 STOCKHOLM
 Facsimile No. +46 8 666 02 86

Authorized officer

Nabil Sebaa /LR
 Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2003/000803

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03027884 A1 (EG TECHNOLOGY, INC), 3 April 2003 (03.04.2003), abstract <div style="text-align: center;"> -- ----- </div>	4,14

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

Information on patent family members

31/03/2004

International application No.

PCT/FI 2003/000803

EP	0289248	A2	02/11/1988	DE	3854361	D,T	08/02/1996
				JP	1832551	C	29/03/1994
				JP	5044694	B	07/07/1993
				JP	63284654	A	21/11/1988
				US	5067104	A	19/11/1991

US	2001015984	A1	23/08/2001	EP	1128602	A	29/08/2001
				JP	2001257738	A	21/09/2001

WO	03102806	A1	11/12/2003	NONE			

WO	03027884	A1	03/04/2003	US	2003069963	A	10/04/2003
